

ABSTRACT OF THE DISCLOSURE

A method of aligning optical components of a photonic package is provided. First, the optical components are aligned initially. Then the optical components are fixed with respect to one another through laser welding. A direction to deform one of the optical components is determined through applying a sweep of constant force vectors on the photonic package using a gripper. A force is applied in the selected direction to plastically deform one of the optical components to re-align the optical components. A force feedback signal may be provided to be used for controlling the applied force vector.

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